

Patent Application of

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for

TITLE: ALUMINUM CAN CRUSHING KIT

CROSS-REFERENCE TO RELATED APPLICATIONS.

Not applicable.

STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT.

Not applicable.

INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A COMPACT DISC.

Not applicable.

BACKGROUND OF THE INVENTION.

Field of the invention: This invention applies to aluminum can crushers that utilize the weight of the unit to drop on an aluminum can to crush it flat and is hand operated.

There are many wall mounted can crushers with a handle and piston to crush a can and they are hand operated. They don't supply the necessary power to completely flatten the cans. Applicant's can crusher flattens the cans much more.

U.S. Patent 4,682,539 by Bramblett shows a can crusher which includes a relatively heavy tramping element which would be a big drawback if it was to be manufactured and distributed. It also is operated by just one hand which would lessen the control an operator would have while using the crusher and also would lessen the

strength of the blow to the cans which are to be crushed.

Applicant's can crusher's shipping weight would be light. The kit would contain the unit's body and slipped into the body would be the two handles, spacers, two bolts with nuts and washers, and that's all. The buyer would assemble the kit and add weight into the body such as gravel. The heavy weight of the can crusher dropping on a can crushes the can flat. The two handles gives an operator excellent control and also able to give a blow with added muscular force when helping speed the crusher on its downward movement. A tough striking plate on the crusher's bottom cover serves to protect the cover as the cans are crushed.

#### BRIEF SUMMARY OF THE INVENTION:

Applicant's can crusher kit supplies a user with a powerful way to crush aluminum cans and to crush them flatter than a wall mounted handle and piston crusher. The unique construction allows a heavy material, such as gravel, to be poured into the body of the crusher. This feature allows a manufacturer to produce a lightweight product for shipping and marketing because the gravel can be added to the crusher by a buyer after it arrives.

#### BRIEF DESCRIPTION OF THE DRAWING:

Fig. 1 shows a front and somewhat above view of the can crusher.

#### REFERENCE NUMERALS IN THE DRAWING:

- 10 Hole
- 12 Handle (one of two)
- 14 Top cover
- 16 Spacer block
- 18 Bolt, washer, and nut
- 20 Inner spacer block
- 22 Body
- 24 Bottom cover
- 26 Screw
- 28 Strike plate

**DETAILED DESCRIPTION OF THE INVENTION:**

A body **22** comprises an elongated container with a top cover **14** and a bottom cover **24**. Attached to the base of the bottom cover is located a strike plate **28** . One or more screws **26** are located through the upward section of the bottom cover and into the lower part of the body's container. Two handles **12** are attached to the body and located directly across from each other and midway across the diameter or width of the container.

Bolts, nuts and washers **18** are located on the lower part of the handles. The bolts pass through two spacer blocks **16** and an inner spacer block **20**.

**SEQUENCE LISTING:**

Not applicable.